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Official voice of the Air Force Research Laboratory

Lindsay named Information's engineer of the year *by Francis L. Crumb, Information Directorate*

ROME, N.Y. — Dr. Alan R. Lindsey was been presented with the Air Force Research Laboratory Information Directorate's 1999 Ralph I. Cole Engineer of the Year Award during ceremonies September 21.

Also honored at the directorate's "Heritage Day" ceremonies were Dr. Robert Ewing, who was presented with the Fred I. Diamond Award in recognition of having the best technical paper published during the past year, and Dr. Michael Medley, who received the directorate's Basic Research Award.

In addition, six members of the directorate's Defensive Information Warfare Branch shared the Research & Technology Team Award.

The Cole Award, named in honor of the first chief scientist at Rome Air Development Center (renamed Rome Laboratory in 1990 and now part of the AFRL), is conferred annually on a laboratory engineer for engineering achievements in design, research, development or management during the past three years.

Lindsey is an electronics engineer in the Information Grid Division. In that position, he is the lead research engineer for communications signal processing efforts. He performs fundamental research in collaboration with directorate colleagues and university faculty on state-of-the-art interference mitigation, combined coding and modulation, and advanced algorithms.

He was cited for developing robust communications technologies that will provide the warfighter the critical advantage needed to communicate in a wartime environment. He has been a member of the Rome staff for seven years.

Ewing has also been a federal employee for seven years. He is currently technical advisor for the Embedded Information Systems Engineering Branch for the Information Directorate at Wright-Patterson AFB, Ohio. He also serves as director of the Computer Engineering Research Consortium.

Ewing was selected for the Diamond Award, named in honor of the Laboratory's chief scientist from 1981 to 1992, for his contributions as guest editor, editorial author and author of several papers in the international Analog Integrated Circuits and Signal Processing Journal.

Medley joined the Rome staff in 1991. He is currently a senior electronics engineer in the directorate's Information Grid Division, where he performs research digital signal processing, modulation and coding techniques, as well as anti-jam signal processing for robust wireless communications

Medley was cited for his foundational research in interference cancellation and spread spectrum signaling.

The Research & Technology Team Award was presented to the Defensive Information Warfare Team composed of Dwayne P. Allain, John C. Faust, John Feldman, Joseph V. Giordano, John M. Pirog and Brian T. Spink. They were cited for devising, developing and leading defensive information warfare research and development within the directorate and for their efforts at bringing widespread recognition for excellence in this area to the directorate. @